

Converting Colors

XYZ(63.6777, 60.4382, 74.6321)

Have a look what the booklet for
XYZ(63.6777, 60.4382, 74.6321)
contains.

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Color

**XYZ(63.5340, 60.2609,
74.6126)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C3DA
RGB	226, 195, 218
RGB Percent	89%, 76%, 85%
CMY	0.1137, 0.2353, 0.1451
CMYK	0.00, 0.14, 0.04, 0.11
HSL	315°, 35%, 83%
HSV	315°, 14%, 89%
XYZ	63.5340, 60.2609, 74.6126
YIQ	206.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

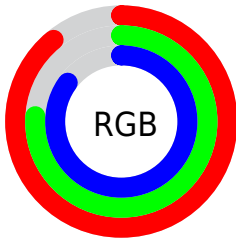
Format	Color
R _Y B	226, 195, 218
Decimal	14861274
CIE Lab	81.98, 14.85, -7.39
CIE LCh	82, 16.591, 333.533
Yxy	60.2609, 0.3202, 0.3037
Android (android.graphics.Color)	4293051354 (0xFFE2C3DA)
YUV	206.8910, 5.4767, 16.7586
Hunter-Lab	77.6279, 10.2432, -2.6475

Details

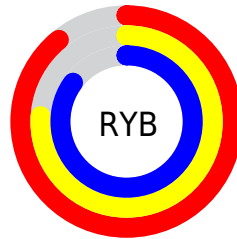
The XYZ color **63.5340, 60.2609, 74.6126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.4838, 70.3082, 66.8861**, and the grayscale version is **59.2003, 62.2834, 67.8266**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **32.9303, 30.3520, 38.7732** is the 20% darker color. If you saturate the color by 10%, you get **58.0991, 50.5904, 69.1015**, and if you desaturate by 10%, it is **69.7657, 71.4801, 80.5232**.

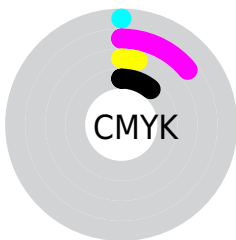
Distribution



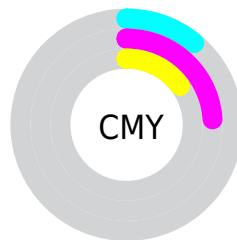
- Red (89%)
- Green (76%)
- Blue (85%)



- Red (89%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5340, 60.2609, 74.6126 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.5340, 60.2609, 74.6126 by changing the saturation by 10% instead.


 63.5340, 60.2609,
74.6126

 63.5340, 60.2609,
74.6126


427.1338,
425.5588, 495.8048

 46.5336, 43.6290,
54.7958


 109.0170,
105.2080, 127.5059

 32.8735, 30.3789,
38.8407


138.2304,
134.2920, 161.4194

 22.1883, 20.1264,
26.3290


172.2455,
168.2955, 200.8689

 14.1127, 12.4869,
16.8419

211.4276,
207.6028, 246.2729

 8.2813, 7.0762,
9.9611

256.1421,
252.5984, 298.0499

 4.3288, 3.5098,
5.2679

306.7545,

 1.8898, 1.4033,

303.6667, 356.6186

2.3438

363.6299,
361.1920, 422.3974

■ 0.5709, 0.2192,
0.7556

■ 0.0000, 0.0000,
0.0000

■ 63.5340, 60.2609,
74.6126

■ 63.5340, 60.2609,
74.6126

■ 58.0991, 50.5904,
69.1015

■ 69.7657, 71.4801,
80.5232

■ 53.4210, 42.3920,
63.9732

■ 76.8213, 84.3047,
86.8417

■ 49.4644, 35.5943,
59.2152

■ 82.1922, 93.7161,
92.7338

■ 46.1888, 30.1170,
54.8127

■ 83.0514, 94.0598,
97.2584

43.5496, 25.8713,
50.7494

83.9386, 94.4146,
101.9300

41.4969, 22.7577,
47.0071

84.8539, 94.7807,
106.7501

39.9727, 20.6611,
43.5653

85.1744, 94.9089,
108.4378

38.9071, 19.4417,
40.3989

38.4017, 18.9839,
38.5257

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0867, 60.2609, 83.0840



63.5340, 60.2609, 74.6126



64.2813, 60.2609, 64.4297

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5340, 60.2609, 74.6126



56.8612, 60.2609, 48.1479



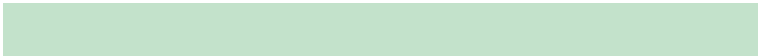
51.8316, 60.2609, 76.8833

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.5340, 60.2609, 74.6126



60.4838, 70.3082, 66.8861

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.7994, 60.2609, 66.8124



63.5340, 60.2609, 74.6126



53.6275, 60.2609, 50.7823

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5340, 60.2609, 74.6126



60.3376, 60.2609, 49.7847



51.4434, 60.2609, 57.3694



54.3201, 60.2609, 84.4862

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5340, 60.2609, 74.6126



63.6906, 60.2609, 58.1936



51.4434, 60.2609, 57.3694



51.3075, 60.2609, 73.6395

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.5358, 60.2635, 74.6139



91.4609, 93.4955, 105.6270



57.8056, 57.1856, 79.9436



19.4362, 19.7583, 22.4789



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5358, 60.2635, 74.6139



81.7378, 76.0147, 96.3266



61.6309, 59.5016, 64.5831



14.1360, 13.8720, 16.4865



21.9587, 10.8505, 22.2460



1.5579, 0.7664, 1.7305

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.5358, 60.2635, 74.6139



81.7378, 76.0147, 96.3266



62.3916, 71.0714, 76.9326



14.1360, 13.8720, 16.4865



21.9587, 10.8505, 22.2460



1.5579, 0.7664, 1.7305

Previews

White Background



This preview shows how the XYZ color 63.5340, 60.2609, 74.6126 looks on a white background.

Color Contrast Check

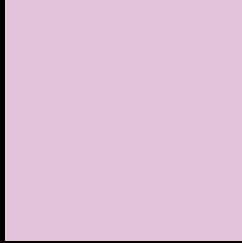
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.5340, 60.2609, 74.6126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

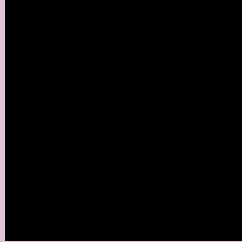
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5340, 60.2609, 74.6126

Background



This preview shows how black text looks on a background with the XYZ color 63.5340, 60.2609, 74.6126.



This preview shows how white text looks on a background with the XYZ color 63.5340, 60.2609,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.5340, 60.2609, 74.6126

Protanopia

59.0323, 60.5961, 78.3969

Deuteranopia

61.6319, 60.3033, 74.0370



Tritanopia

62.5491, 60.1906, 69.9493

Trichromacy



Original Color

63.5340, 60.2609, 74.6126

Protanomaly

60.5694, 60.3779, 76.8684

Deuteranomaly

62.3094, 60.3144, 74.0034

Tritanomaly

62.9289, 60.3424, 71.9489

Monochromacy



Original Color

63.5340, 60.2609, 74.6126

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8454, 61.7112, 70.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5340, 60.2609, 74.6126 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 195, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 195, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.5340, 60.2609, 74.6126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

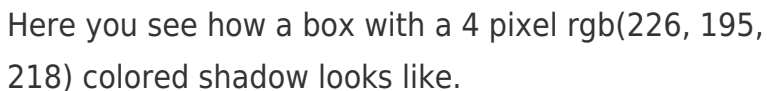
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 195, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 195, 218) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(226, 195, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5340, 60.2609, 74.6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
195, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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